

UNCLASSIFIED

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							DATE February 2000		
BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605856A Environmental Compliance - Research, Development, Testing & Evaluation					
COST (In Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	51522	4000	0	0	0	0	0	0	0
M0VV Environmental Compliance - AMC Test Ranges	33497	0	0	0	0	0	0	0	0
M1VV Environmental Compliance - AMC Major Subordinate Commands/Laboratories	11365	0	0	0	0	0	0	0	0
M4VV Environmental Compliance - Corps of Engineers	4742	4000	0	0	0	0	0	0	0
M5VV Environmental Compliance - USASSDC	1918	0	0	0	0	0	0	0	0

A. Mission Description and Budget Item Justification: This program ensured that resources were available to fund legally mandated environmental compliance activities at U.S. Army RDTE installations, laboratories and test ranges. It financed environmental staff salaries; minor construction, repair and upgrade of facilities to meet environmental standards, including waste treatment and disposal; radon abatement; repair and clean up of underground storage tank hazards; management of hazardous waste storage and disposal; permits and licensing fees; environmental training, plans and studies; and environmental monitoring and audits. Funded cost of complying with Federal Facility Compliance Agreements (FFCA) and other environmental agreements, and corrected notices of violation. It did not finance construction or repairs unrelated to environmental compliance or Defense Environmental Restoration Account (DERA) funded environmental restoration. In summary, this program provided for environmental quality control of current defense operations and disposal of hazardous waste incident to defense operations funded by the RDTE appropriation. Army defined environmental effort as: Class O - projects needed to cover essential administrative, personnel, and other costs required to manage environmental activities and monitor environmental conditions associated with compliance. Class I - supported compliance with legally binding agreements or judgments under applicable federal, state, local or host nation environmental law; corrected deficiencies cited in an inspection or notice of violation by a regulatory agency, or host nation equivalent; corrected deficiencies where a statutory or regulatory deadline has passed; Class II - projects required to comply with an established standard, and deadline for compliance is in the future; Class III - salaries and training for environmental personnel and projects required to maintain/improve environmental quality, but where non-compliance is not imminent. In FY2000, Environmental Compliance was transferred to the Operations and Maintenance, Army (OMA) appropriation.

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6 - Management and Support

PE NUMBER AND TITLE

0605856A Environmental Compliance - Research,
Development, Testing & Evaluation

B. Program Change Summary	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
Previous President's Budget (<u>FY 2000/2001 PB</u>)	48986	0	0
Appropriated Value	49116	4000	
Adjustments to Appropriated Value			
a. Congressional General Reductions	-130		
b. SBIR/STTR	-181		
c. Omnibus or Other Above Threshold Reductions			
d. Below Threshold Reprogramming	+2745		
e. Rescissions	-28		
Adjustments to Budget Years Since <u>FY 2000/2001 PB</u>			
Current Budget Submit (<u>FY 2001 PB</u>)	51522	4000	0

Change Summary Explanation: Funding - FY 2000 Congressional plus up (+4M) will be transferred to OMA.

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COST (In Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
M0VV Environmental Compliance - AMC Test Ranges	33497	0	0	0	0	0	0	0	0
<p><u>Mission Description and Justification:</u> Resources in the project ensured an adequate level of funding for legally mandated environmental compliance requirements at Yuma Proving Ground (YPG), AZ; Garrison Aberdeen Proving Ground (GAPG), MD; Dugway Proving Ground (DPG), UT; and White Sands Missile Range (WSMR), NM. These operations were critical to the infrastructure of the Army testing program.</p> <p>FY 1999 Accomplishments:</p> <ul style="list-style-type: none"> • 33497 Funded Class O, Class I, Class II, and other “Must Fund” environmental compliance programs and projects. Programs such as underground storage tank removal/remediation, Environmental Impact Statement, asbestos disposal, wastewater compliance, expansion of solid waste landfill, backflow prevention program and closure of solid waste management units. Also funds hazardous waste disposal and program management. Included projects such as Inflow/Infiltration Reduction at GAPG; Permit Application for Open Burning & Open Denotation at DPG; Sewage Lagoon at WSMR; and Storm Water Control at YPG. <p>Total 33497</p> <p>FY 2000 Planned Program: Project funded in OMA.</p> <p>FY 2001 Planned Program: Project funded in OMA.</p>									
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BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605856A Environmental Compliance - Research, Development, Testing & Evaluation				PROJECT M1VV	
COST (In Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
M1VV Environmental Compliance - AMC Major Subordinate Commands/Laboratories	11365	0	0	0	0	0	0	0	0
<p>Mission Description and Justification: Resources in this project ensured an adequate level of funding for legally mandated environmental compliance requirements at Army Research Laboratory (ARL), Adelphi, MD; Armament Research, Development and Engineering Center (ARDEC), Picatinny Arsenal, Dover, NJ; and Soldier and Biological Chemical Command (SBCCOM), Natick, MA.</p> <p>FY 1999 Accomplishments:</p> <ul style="list-style-type: none"> 11365 Funded Class I, Class II, and other environmental programs, such as, drinking water cross-connection program and compliance with sewage prevention requirement; underground storage tank compliance program. Funded remaining compliance requirements such as hazardous waste disposal and program management. <p>Total 11365</p> <p>FY 2000 Planned Program: Project funded in OMA.</p> <p>FY 2001 Planned Program: Project funded in OMA.</p>									
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COST (In Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
M4VV Environmental Compliance - Corps of Engineers	4742	4000	0	0	0	0	0	0	0
<p><u>Mission Description and Justification:</u> This Congressional add will fund industry cost-shared demonstration of low emission boiler and industry cost-shared demonstration for privatized fuel cell combined heat electrical supply technology at approximately 21 sites. The effort is managed by the Army Construction Engineering Research Laboratory (CERL).</p> <p>FY 1999 Accomplishments:</p> <ul style="list-style-type: none"> • 4742 \$2.967M supported the Climate Fuel Cell Program. Approximately 13 federal grants were issued to non-Federal entities to purchase and install fuel cell power plants, with priority to those installed at DoD facilities. \$2M supported the demonstration of Low NOx Boiler technology at Army installations in coordination with the Army Utility Modernization Program. Funding purchased and installed one Low NOx Boiler and developed thermal and environmental performance criteria from 3 ongoing demonstrations. Funding was added by Congress. <p>Total 4742</p> <p>FY 2000 Planned Program: Congressional plus up to be transferred to OMA.</p> <p>FY 2001 Planned Program: Project funded in OMA.</p>									
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BUDGET ACTIVITY 6 - Management and Support				PE NUMBER AND TITLE 0605856A Environmental Compliance - Research, Development, Testing & Evaluation				PROJECT M5VV	
COST (In Thousands)	FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
M5VV Environmental Compliance - USASSDC	1918	0	0	0	0	0	0	0	0
<p><u>Mission Description and Justification:</u> Resources in this project ensured an adequate level of funding for legally mandated environmental compliance requirements at the U.S. Army Space and Missile Defense Command (USASMDC).</p> <p>FY 1999 Accomplishments:</p> <ul style="list-style-type: none"> • 1918 Funded environmental compliance programs such as PCB removal, testing for hazardous materials, shipment and disposal of hazardous wastes, environmental staff training, water quality, clean up fuel/oil contamination, underground storage tank compliance, asbestos removal and shipment, mitigation monitoring, etc. <p>Total 1918</p> <p>FY 2000 Planned Program: Project funded in OMA.</p> <p>FY 2001 Planned Program: Project funded in OMA.</p>									
<div style="display: flex; justify-content: space-between; padding-top: 20px;"> Project M5VV Page 6 of 6 Pages Exhibit R-2A (PE 0605856A) </div>									